

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 13332  
Application ID: 09683374  
Title of Invention: System and Method for Addressable Light-Directed Microarray Printing  
First Named Inventor: John Chappell  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-12-19   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 3383.1  
Digital Certificate Holder: cn=Alan B. Sherr, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: 3NI6TmvQsvJZc2Uohm4osQ==  
Total Fees Authorized: \$1812.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 10431  
Deposit Account Name: Alan B. Sherr

# TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

3383.1

Submission Type: Utility Patent  
Filing

## System and Method for Addressable Light-Directed Microarray Printing

First Named Inventor: Mr. John C. Chappell

### SUBMITTED BY

Name: Mr. Alan B. Sherr

Registration Number: 42,147

Electronic Signature Mark: /Alan B.  
Sherr/ Date Signed: 20011219

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	declp1.tif
declaration	declp2.tif
bibd-transmittal	3383apds.xml
fee-transmittal	3383fee.xml

patent-assignments	3383asgn.xml
specification	3383.1_spec.xml

**Attached Image File(s):**

declp1.tif

declp2.tif

**Comments:**

00000000000000000000000000000000

Please type a plus sign (+) inside this box →

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted OR  Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	3383.1
First Named Inventor	John C. Chappell
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	December 19, 2001
Group Art Unit	Unknown
Examiner Name	Unknown

**As a below named Inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**System and Method for Addressable Light-Directed Microarray Printing**

the specification of which *(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(d) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Nos Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

ApplicationNumber(s)	Filing Date (MM/DD/YYYY)	
80/257,348	December 20, 2000	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/01 (12-97)

Approved for use through 09/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365<sup>9</sup> of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which becomes available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the  
Patent and Trademark Office connected therewith       Customer Number  →  Place Customer Number Bar Code Label here  
OR  
 Registered practitioner(s) name/registration number listed below

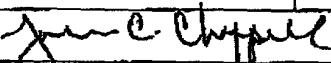
Name	Registration Number	Name	Registration Number
Wei Zhou	44,419	Philip L. McGarrigle	31,395
		Alan B. Sherr	42,147

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:       Customer Number or Bar Code Label  OR  Correspondence address below

Name	Affymetrix, Inc.				
Address	General IP Counsel - Legal Department				
Address	3380 Central Expressway				
City	Santa Clara	State	CA	ZIP	95051
Country	USA	Telephone	408/731-5000		Fax 408/731-6392

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)			Family Name or Surname				
John C.			Chappell				
Inventor's Signature							Date December 19, 2001
Residence: City	Elk Grove	State	CA	Country	95758	Citizenship	USA
Post Office Address	3329 Turnbuckle Circle						
Post Office Address							
City	Elk Grove	State	MA	ZIP	95758	Country	USA

Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

## FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

## Large Entity

**TOTAL FEES AUTHORIZED: \$ 1812**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

8  
9  
0  
Deposit Account Number: 01-0431   
Deposit Account Name: Affymetrix, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

**SUBMITTED BY**

Authorized Name: Alan B. Sherr  
Electronic Signature Mark: /Alan B. Sherr/  
Date Signed: 20011219

**BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

**Subtotal For Basic Filing Fee: \$ 740**

#### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 54	103	\$ 18	34	\$ 612
Independent Claims: 8	102	\$ 84	5	\$ 420

Subtotal For Extra Claims Fees: \$ 1032

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40

USPTO Standard Form 1-14 (Rev. 1-2001)